GPS INTRODUCTION FOR FEDERAL FIELD BIOLOGISTS

February 13, 2003 NCTC

DAY ONE AGENDA - 8:00 to 5:00		
8:00 - 8:30	Introductions and NCTC logistics (Sutherland)	
8:30 - 9:30	GPS Overview – History, How it works, Differential Correction (Sutherland)	
9:30 - 9:45	BREAK	
9:45 - 11:45	GPS Device Overview & Keypad Basics (Richardson, Simpson, Henry) Break into 3 groups (Round Robin) 35 minutes each device (Garmin, PLGR and Trimble) NOTE: 15 minutes extra built into time block for movement between stations	
11:45 - 12:45	LUNCH	
12:45 – 1:30	Coordinate Systems, Datums and Projections (Sutherland)	
1:30 – 3:15	Collecting Points (Richardson, Simpson, Henry) Break into 3 groups (Round Robin) 30 minutes each device (Garmin, PLGR and Trimble) NOTE: 15 minutes extra built into time block for movement between stations	
3:15 – 3:30	BREAK	
3:30 - 5:00	Navigation Exercise - (Richardson, Simpson, Henry) Work in pairs – students choose which device they want to use NOTE: Exercise at end of day. Therefore, if more time needed we can run past scheduled time. Students must input 4 sets of coordinates within this time frame.	
7:00 – 9:00	OPTIONAL - Using Trimble Pathfinder Office (Henry) Mission Planning, Data Dictionaries, Post-processing	

GPS INTRODUCTION FOR FEDERAL FIELD BIOLOGISTS

February 14, 2003 NCTC

DAY TWO AGENDA - 8:00 to 3:30

8:00 - 9:45	Metadata & Importation into GIS (Sutherland)
9:45 - 10:00	BREAK
10:00 - 11:45	Collecting Linear Features (Richardson, Simpson, Henry) Break into 3 groups (Round Robin) 30 minutes each device (Garmin, PLGR and Trimble) NOTE: 15 minutes extra built into time block for movement between stations.
11:45 - 12:45	LUNCH
12:45 - 3:00	Collecting Area Features (Richardson, Simpson, Henry) Break into 3 groups (Round Robin) 40 minutes each device (Garmin, PLGR and Trimble) NOTE: 15 minutes extra built into time block for movement between stations
3:00 - 3:30	Wrap Up and Evaluations (Sutherland)
3:30 - 4:45	OPTIONAL – GPS Q&A session (Richardson, Simpson, Henry)